## **WEST Search History for Application 10755856**

**Creation Date: 2009031315:25** 

| Query   | DB                                       | Op. | Plur. | Thes. | Date       |
|---|--|-----|-------|-------|------------|
| (splat or lamella or lamellar)  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| ((splat or lamella or lamellar) ) or particle   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| (spray or sprayed or spraying)  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| (solution or liquid or precursor) near3 ( ((spray or sprayed or spraying) ) )   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| ((solution or liquid or precursor) near3 ((spray or sprayed or spraying))) or spps  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| ((solution or liquid or precursor) near3 ((spray or sprayed or spraying) ) or spps ) same ((splat or lamella or lamellar) or particle )   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| (interpass near2 (boundary or boundaries)) or (horizontal near2 crack)  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 05-02-2008 |
| ((interpass near2 (boundary or boundaries)) or (horizontal near2 crack) ) same ((solution or liquid or precursor) near3 ((spray or sprayed or spraying) ) or spps same (splat or lamella or lamellar) or particle ) | PGPB,<br>USPT,<br>EPAB,<br>JPAB,         | OR  | YES   |       | 05-02-2008 |

|  | DWPI                                     |    |     |            |
|--|--|----|-----|------------|
| ((interpass near2 (boundary or boundaries)) or (horizontal near2 crack) ) and ((solution or liquid or precursor) near3 ((spray or sprayed or spraying) ) or spps same (splat or lamella or lamellar) or particle ) | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES | 05-02-2008 |
| (interpass near2 (boundary or boundaries)) or  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES | 05-02-2008 |
| (interpass near2 (boundary or boundaries))   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES | 05-02-2008 |
| inter adj pass adj (boundary or boundaries)  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES | 05-02-2008 |
| (inter adj pass adj (boundary or boundaries) ) and ((interpass near2 (boundary or boundaries)) or (horizontal near2 crack) )   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES | 05-02-2008 |
| (inter adj pass adj (boundary or boundaries) ) and ((solution or liquid or precursor) near3 ((spray or sprayed or spraying) ) or spps )  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES | 05-02-2008 |
| splat or lamella or lamellar   | PGPB,<br>USPT                            | OR | YES | 06-04-2008 |
| spray or spraying or sprayed   | PGPB,<br>USPT                            | OR | YES | 06-04-2008 |
| (solutiuon or liquid or precursor) near3 (spray or spraying or sprayed)  | PGPB,<br>USPT                            | OR | YES | 06-04-2008 |
| ((solutiuon or liquid or precursor) near3 spray or spraying or sprayed ) or spps   | PGPB,<br>USPT                            | OR | YES | 06-04-2008 |
| ((solutiuon or liquid or precursor) near3 spray or spraying or sprayed or spps ) same (splat or lamella or lamellar )  | PGPB,<br>USPT                            | OR | YES | 06-04-2008 |
|  |  | OR | YES | 06-04-2008 |

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| (splat or lamella or lamellar ) same (micron or micrometer or nanometer or nanoparticle)  | PGPB,<br>USPT |    |     |            |
|---|---------------|----|-----|------------|
| (splat or lamella or lamellar same (micron or micrometer<br>or nanometer or nanoparticle) ) or ((solutiuon or liquid or<br>precursor) near3 spray or spraying or sprayed or spps<br>same splat or lamella or lamellar)  | PGPB,<br>USPT | OR | YES | 06-04-2008 |
| (interpass near2 (boundary or boundaries)) or (horizontal near2 crack) or ((film or layer) near2 (unmelted))  | PGPB,<br>USPT | OR | YES | 06-04-2008 |
| ((interpass near2 (boundary or boundaries)) or (horizontal near2 crack) or ((film or layer) near2 (unmelted)) ) same ( (splat or lamella or lamellar same (micron or micrometer or nanometer or nanoparticle) ) or ((solutiuon or liquid or precursor) near3 spray or spraying or sprayed or spps same splat or lamella or lamellar ) ) | PGPB,<br>USPT | OR | YES | 06-04-2008 |
| ((interpass near2 (boundary or boundaries)) or (horizontal near2 crack) or ((film or layer) near2 (unmelted)) ) and (splat or lamella or lamellar same (micron or micrometer or nanometer or nanoparticle) or (solutiuon or liquid or precursor) near3 spray or spraying or sprayed or spps same splat or lamella or lamellar)          | PGPB,<br>USPT | OR | YES | 06-04-2008 |
| splat or lamella or lamellar or particle or particulate   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| spray or sprayed or spraying or SPS   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (spray or sprayed or spraying or SPS) or spps   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (cold near4 zone) or (unmelt or unmelted or solid)  | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| ((cold near4 zone) or (unmelt or unmelted or solid) ) near4 (splat or lamella or lamellar or particle or particulate )  | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (splat or lamella or lamellar or particle or particulate ) near4 (spray or sprayed or spraying or SPS )   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (splat or lamella or lamellar or particle or particulate<br>near4 spray or sprayed or spraying or SPS) same ((cold<br>near4 zone) or (unmelt or unmelted or solid) near4 splat<br>or lamellar or particle or particulate)   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (splat or lamella or lamellar or particle or particulate near4 spray or sprayed or spraying or SPS same (cold near4 zone) or (unmelt or unmelted or solid) near4 splat or lamella or lamellar or particle or particulate ) .ti,ab,clm.  | PGPB,<br>USPT | OR | YES | 03-13-2009 |
|   |               | OR | YES | 03-13-2009 |

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| (splat or lamella or lamellar or particle or particulate near4 spray or sprayed or spraying or SPS same (cold near4 zone) or (unmelt or unmelted or solid) near4 splat or lamella or lamellar or particle or particulate .ti,ab,clm.) .clm.   | PGPB,<br>USPT |    |     |            |
|---|---------------|----|-----|------------|
| boundary or porous or porosity or interpass or (inter adj pass)   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (boundary or porous or porosity or interpass or (inter adj pass)) same (splat or lamella or lamellar or particle or particulate near4 spray or sprayed or spraying or SPS same (cold near4 zone) or (unmelt or unmelted or solid) near4 splat or lamella or lamellar or particle or particulate)      | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (boundary or porous or porosity or interpass or (inter adj pass) same splat or lamella or lamellar or particle or particulate near4 spray or sprayed or spraying or SPS same (cold near4 zone) or (unmelt or unmelted or solid) near4 splat or lamella or lamellar or particle or particulate ) .clm. | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| (cold near4 zone) or (unmelt or unmelted)   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| ((cold near4 zone) or (unmelt or unmelted) ) near4 (splat or lamella or lamellar or particle or particulate )   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| ((cold near4 zone) or (unmelt or unmelted) near4 splat or<br>lamella or lamellar or particle or particulate ) same (splat<br>or lamella or lamellar or particle or particulate near4<br>spray or sprayed or spraying or SPS )   | PGPB,<br>USPT | OR | YES | 03-13-2009 |
| ((cold near4 zone) or (unmelt or unmelted) near4 splat or lamella or lamellar or particle or particulate same splat or lamella or lamellar or particle or particulate near4 spray or sprayed or spraying or SPS) same (boundary or porous or porosity or interpass or (inter adj pass))               | PGPB,<br>USPT | OR | YES | 03-13-2009 |